

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 05343035  
PUBLICATION DATE : 24-12-93

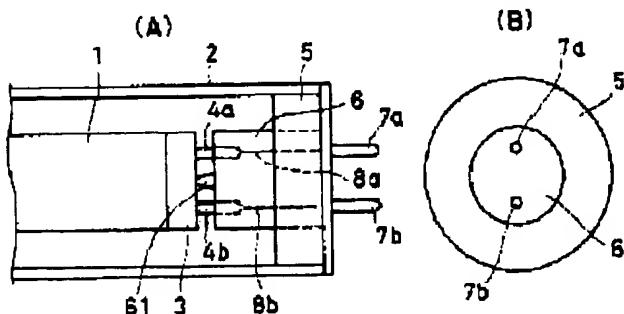
APPLICATION DATE : 03-06-92  
APPLICATION NUMBER : 04168601

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INVENTOR : KAWASE SATOSHI;

INT.CL. : H01J 61/52 H01R 33/08

TITLE : FLUORESCENT LAMP ASSEMBLY  
CONTAINING HEAT INSULATING PIPE



ABSTRACT : PURPOSE: To provide stable optical output by improving adiabatic effect in fluorescent lamps containing heat insulating pipe used for internal illumination such as refrigerating show cases.

CONSTITUTION: A fluorescent lamp 1, including a base part 3, is sealed as a whole within the closed space of a heat insulating pipe 2 to be supported with a supporting member 6. Adiabatic effect is increased because heat transfer with outside is performed with only these base pins 4a and 4b by inserting the base pins 4a and 4b in the inserted hole in the supporting member 6.

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